

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
 Data File : BF103134.D  
 Acq On : 21 Feb 2018 14:17  
 Operator : SJ/JU  
 Sample : J1398-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-02-022018

Integration Parameters: rteint.p  
 Integrator: RTE  
 Smoothing : ON  
 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0  
 Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020318.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

| peak<br># | R.T.<br>min | first<br>scan | max<br>scan | last<br>scan | PK<br>TY | peak<br>height | corr.<br>area | corr.<br>% max. | % of<br>total |
|-----------|-------------|---------------|-------------|--------------|----------|----------------|---------------|-----------------|---------------|
| 1         | 2.128       | 3             | 7           | 19           | rVB      | 775905         | 998921        | 24.90%          | 1.701%        |
| 2         | 5.104       | 510           | 513         | 527          | rVB      | 148426         | 192717        | 4.80%           | 0.328%        |
| 3         | 5.498       | 576           | 580         | 595          | rBV      | 3300837        | 3385059       | 84.37%          | 5.765%        |
| 4         | 6.510       | 747           | 752         | 755          | rBV      | 3100409        | 3221229       | 80.28%          | 5.486%        |
| 5         | 6.651       | 771           | 776         | 779          | rBV      | 3396333        | 3304642       | 82.36%          | 5.628%        |
| 6         | 6.704       | 782           | 785         | 788          | rVB      | 97369          | 83090         | 2.07%           | 0.142%        |
| 7         | 6.875       | 811           | 814         | 818          | rBV      | 1196225        | 984497        | 24.54%          | 1.677%        |
| 8         | 7.034       | 835           | 841         | 844          | rBV      | 2758139        | 2374921       | 59.19%          | 4.045%        |
| 9         | 7.439       | 906           | 910         | 913          | rVV      | 2170620        | 2220030       | 55.33%          | 3.781%        |
| 10        | 7.463       | 913           | 914         | 918          | rVV      | 234813         | 146668        | 3.66%           | 0.250%        |
| 11        | 7.516       | 918           | 923         | 926          | rVV4     | 59530          | 86670         | 2.16%           | 0.148%        |
| 12        | 7.681       | 947           | 951         | 953          | rBV3     | 68042          | 72742         | 1.81%           | 0.124%        |
| 13        | 7.828       | 974           | 976         | 980          | rVB3     | 63342          | 77352         | 1.93%           | 0.132%        |
| 14        | 7.898       | 985           | 988         | 990          | rBV2     | 115472         | 113127        | 2.82%           | 0.193%        |
| 15        | 8.134       | 1024          | 1028        | 1030         | rVV      | 449443         | 461596        | 11.50%          | 0.786%        |
| 16        | 8.157       | 1030          | 1032        | 1038         | rVV      | 1371432        | 1387821       | 34.59%          | 2.364%        |
| 17        | 8.210       | 1038          | 1041        | 1044         | rVB2     | 245584         | 223921        | 5.58%           | 0.381%        |
| 18        | 8.239       | 1044          | 1046        | 1049         | rBV3     | 68884          | 80163         | 2.00%           | 0.137%        |
| 19        | 8.357       | 1063          | 1066        | 1068         | rVB2     | 106285         | 99978         | 2.49%           | 0.170%        |
| 20        | 8.445       | 1077          | 1081        | 1085         | rVB4     | 214719         | 245672        | 6.12%           | 0.418%        |
| 21        | 8.504       | 1085          | 1091        | 1093         | rBV5     | 104004         | 157843        | 3.93%           | 0.269%        |
| 22        | 8.528       | 1093          | 1095        | 1096         | rVV      | 112877         | 96787         | 2.41%           | 0.165%        |
| 23        | 8.569       | 1099          | 1102        | 1104         | rVV2     | 300637         | 235119        | 5.86%           | 0.400%        |
| 24        | 8.663       | 1114          | 1118        | 1120         | rBV      | 278275         | 247736        | 6.17%           | 0.422%        |
| 25        | 8.739       | 1128          | 1131        | 1135         | rBV      | 943008         | 727428        | 18.13%          | 1.239%        |
| 26        | 8.786       | 1135          | 1139        | 1140         | rBV3     | 77859          | 96147         | 2.40%           | 0.164%        |
| 27        | 8.816       | 1142          | 1144        | 1146         | rBV3     | 73589          | 75693         | 1.89%           | 0.129%        |
| 28        | 8.869       | 1151          | 1153        | 1156         | rVB2     | 76328          | 75361         | 1.88%           | 0.128%        |
| 29        | 8.981       | 1169          | 1172        | 1174         | rBV2     | 290068         | 277493        | 6.92%           | 0.473%        |
| 30        | 9.022       | 1176          | 1179        | 1181         | rVV2     | 148723         | 135269        | 3.37%           | 0.230%        |
| 31        | 9.069       | 1183          | 1187        | 1189         | rVB4     | 135543         | 184040        | 4.59%           | 0.313%        |
| 32        | 9.104       | 1189          | 1193        | 1197         | rBV4     | 266560         | 315836        | 7.87%           | 0.538%        |
| 33        | 9.145       | 1197          | 1200        | 1202         | rBV      | 180021         | 126277        | 3.15%           | 0.215%        |
| 34        | 9.169       | 1202          | 1204        | 1206         | rBV2     | 398808         | 279665        | 6.97%           | 0.476%        |

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 Integrator: RTE  
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 Sampling : 1  
 Start Thrs: 0.2  
 Stop Thrs : 0

Filtering: 5  
 Min Area: 3 % of largest Peak  
 Max Peaks: 100  
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >  
 Peak separation: 5

Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020318.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|    |        |      |      |      |      |         |         |        |        |
|----|--------|------|------|------|------|---------|---------|--------|--------|
| 35 | 9.192  | 1206 | 1208 | 1211 | rVB  | 94699   | 77191   | 1.92%  | 0.131% |
| 36 | 9.233  | 1211 | 1215 | 1219 | rBV  | 3181627 | 2822875 | 70.35% | 4.808% |
| 37 | 9.269  | 1219 | 1221 | 1224 | rVB2 | 72380   | 69415   | 1.73%  | 0.118% |
| 38 | 9.304  | 1224 | 1227 | 1230 | rBV  | 1407448 | 1165829 | 29.06% | 1.986% |
| 39 | 9.345  | 1230 | 1234 | 1238 | rBV7 | 108792  | 135064  | 3.37%  | 0.230% |
| 40 | 9.381  | 1238 | 1240 | 1243 | rVB  | 269923  | 207720  | 5.18%  | 0.354% |
| 41 | 9.492  | 1256 | 1259 | 1265 | rVB5 | 142671  | 196002  | 4.88%  | 0.334% |
| 42 | 9.563  | 1265 | 1271 | 1273 | rBV5 | 208651  | 420522  | 10.48% | 0.716% |
| 43 | 9.622  | 1278 | 1281 | 1284 | rBV3 | 597988  | 699828  | 17.44% | 1.192% |
| 44 | 9.686  | 1289 | 1292 | 1295 | rBV2 | 259693  | 255109  | 6.36%  | 0.434% |
| 45 | 9.728  | 1298 | 1299 | 1301 | rVB  | 128342  | 75899   | 1.89%  | 0.129% |
| 46 | 9.775  | 1301 | 1307 | 1310 | rBV6 | 135877  | 197575  | 4.92%  | 0.336% |
| 47 | 9.833  | 1314 | 1317 | 1321 | rVB  | 1602368 | 1191245 | 29.69% | 2.029% |
| 48 | 9.875  | 1321 | 1324 | 1326 | rBV3 | 103444  | 109966  | 2.74%  | 0.187% |
| 49 | 9.916  | 1328 | 1331 | 1334 | rVV2 | 1336586 | 1168841 | 29.13% | 1.991% |
| 50 | 10.010 | 1345 | 1347 | 1352 | rBV2 | 120558  | 152682  | 3.81%  | 0.260% |
| 51 | 10.069 | 1353 | 1357 | 1359 | rBV2 | 184564  | 242739  | 6.05%  | 0.413% |
| 52 | 10.092 | 1359 | 1361 | 1363 | rVV  | 170873  | 128825  | 3.21%  | 0.219% |
| 53 | 10.122 | 1363 | 1366 | 1369 | rVB3 | 208044  | 207412  | 5.17%  | 0.353% |
| 54 | 10.157 | 1369 | 1372 | 1376 | rBV2 | 353487  | 425240  | 10.60% | 0.724% |
| 55 | 10.192 | 1376 | 1378 | 1381 | rVB  | 231472  | 193514  | 4.82%  | 0.330% |
| 56 | 10.228 | 1381 | 1384 | 1387 | rBV3 | 162176  | 239868  | 5.98%  | 0.409% |
| 57 | 10.333 | 1397 | 1402 | 1405 | rBV  | 1498517 | 1334232 | 33.25% | 2.272% |
| 58 | 10.363 | 1405 | 1407 | 1410 | rVV2 | 131689  | 148687  | 3.71%  | 0.253% |
| 59 | 10.392 | 1410 | 1412 | 1417 | rVB5 | 119895  | 163190  | 4.07%  | 0.278% |
| 60 | 10.463 | 1422 | 1424 | 1427 | rVB4 | 69234   | 71280   | 1.78%  | 0.121% |
| 61 | 10.551 | 1434 | 1439 | 1442 | rBV  | 479599  | 634124  | 15.80% | 1.080% |
| 62 | 10.604 | 1446 | 1448 | 1451 | rVB2 | 149631  | 139012  | 3.46%  | 0.237% |
| 63 | 10.639 | 1451 | 1454 | 1457 | rBV2 | 134798  | 160124  | 3.99%  | 0.273% |
| 64 | 10.675 | 1457 | 1460 | 1462 | rVB2 | 225463  | 159458  | 3.97%  | 0.272% |
| 65 | 10.710 | 1462 | 1466 | 1469 | rBV  | 1558880 | 1551213 | 38.66% | 2.642% |
| 66 | 10.810 | 1480 | 1483 | 1488 | rBV  | 1260373 | 1410953 | 35.17% | 2.403% |
| 67 | 10.998 | 1512 | 1515 | 1519 | rBV2 | 152294  | 195127  | 4.86%  | 0.332% |
| 68 | 11.033 | 1519 | 1521 | 1524 | rVV2 | 148096  | 139040  | 3.47%  | 0.237% |
| 69 | 11.092 | 1528 | 1531 | 1534 | rVB  | 140042  | 116437  | 2.90%  | 0.198% |
| 70 | 11.128 | 1534 | 1537 | 1539 | rBV2 | 107370  | 107215  | 2.67%  | 0.183% |
| 71 | 11.257 | 1555 | 1559 | 1561 | rBV  | 964600  | 810798  | 20.21% | 1.381% |

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 Min Area: 3 % of largest Peak  
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Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020318.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

|     |        |      |      |      |      |         |         |         |        |
|-----|--------|------|------|------|------|---------|---------|---------|--------|
| 72  | 11.286 | 1561 | 1564 | 1570 | rVB2 | 369454  | 468769  | 11.68%  | 0.798% |
| 73  | 11.404 | 1580 | 1584 | 1586 | rBV  | 1150584 | 1049206 | 26.15%  | 1.787% |
| 74  | 11.427 | 1586 | 1588 | 1594 | rVV  | 530792  | 541645  | 13.50%  | 0.922% |
| 75  | 11.480 | 1594 | 1597 | 1599 | rVV2 | 101349  | 119586  | 2.98%   | 0.204% |
| 76  | 11.527 | 1603 | 1605 | 1608 | rVV  | 92713   | 84234   | 2.10%   | 0.143% |
| 77  | 11.563 | 1609 | 1611 | 1615 | rVB2 | 91681   | 94590   | 2.36%   | 0.161% |
| 78  | 11.633 | 1620 | 1623 | 1628 | rBV3 | 120780  | 123183  | 3.07%   | 0.210% |
| 79  | 11.680 | 1628 | 1631 | 1634 | rBV  | 750605  | 577922  | 14.40%  | 0.984% |
| 80  | 11.780 | 1645 | 1648 | 1652 | rVB  | 1574175 | 1426051 | 35.54%  | 2.429% |
| 81  | 11.845 | 1657 | 1659 | 1664 | rBV  | 65560   | 80422   | 2.00%   | 0.137% |
| 82  | 11.922 | 1668 | 1672 | 1673 | rBV2 | 129685  | 144874  | 3.61%   | 0.247% |
| 83  | 11.980 | 1679 | 1682 | 1686 | rBV4 | 50018   | 82899   | 2.07%   | 0.141% |
| 84  | 12.086 | 1698 | 1700 | 1703 | rBV  | 533270  | 449448  | 11.20%  | 0.765% |
| 85  | 12.474 | 1762 | 1766 | 1768 | rBV2 | 3758243 | 4012362 | 100.00% | 6.833% |
| 86  | 12.492 | 1768 | 1769 | 1776 | rVB2 | 2904489 | 2319487 | 57.81%  | 3.950% |
| 87  | 12.574 | 1780 | 1783 | 1787 | rVB  | 841331  | 695442  | 17.33%  | 1.184% |
| 88  | 12.622 | 1787 | 1791 | 1795 | rBV  | 512558  | 519348  | 12.94%  | 0.884% |
| 89  | 12.851 | 1825 | 1830 | 1833 | rBV  | 648379  | 594099  | 14.81%  | 1.012% |
| 90  | 12.986 | 1849 | 1853 | 1857 | rBV  | 1989670 | 1927513 | 48.04%  | 3.283% |
| 91  | 13.204 | 1888 | 1890 | 1892 | rBV  | 237110  | 170204  | 4.24%   | 0.290% |
| 92  | 13.410 | 1922 | 1925 | 1930 | rBV3 | 153025  | 182705  | 4.55%   | 0.311% |
| 93  | 13.545 | 1946 | 1948 | 1951 | rVB  | 172083  | 138818  | 3.46%   | 0.236% |
| 94  | 13.874 | 2001 | 2004 | 2007 | rVB  | 319078  | 321097  | 8.00%   | 0.547% |
| 95  | 13.968 | 2018 | 2020 | 2025 | rBV  | 99745   | 107810  | 2.69%   | 0.184% |
| 96  | 14.051 | 2029 | 2034 | 2037 | rBV2 | 966087  | 1028782 | 25.64%  | 1.752% |
| 97  | 14.192 | 2056 | 2058 | 2061 | rVB  | 137024  | 105921  | 2.64%   | 0.180% |
| 98  | 14.504 | 2108 | 2111 | 2115 | rBV  | 144547  | 156236  | 3.89%   | 0.266% |
| 99  | 15.151 | 2219 | 2221 | 2225 | rVB  | 164920  | 162630  | 4.05%   | 0.277% |
| 100 | 15.545 | 2284 | 2288 | 2292 | rBV  | 569956  | 715610  | 17.84%  | 1.219% |

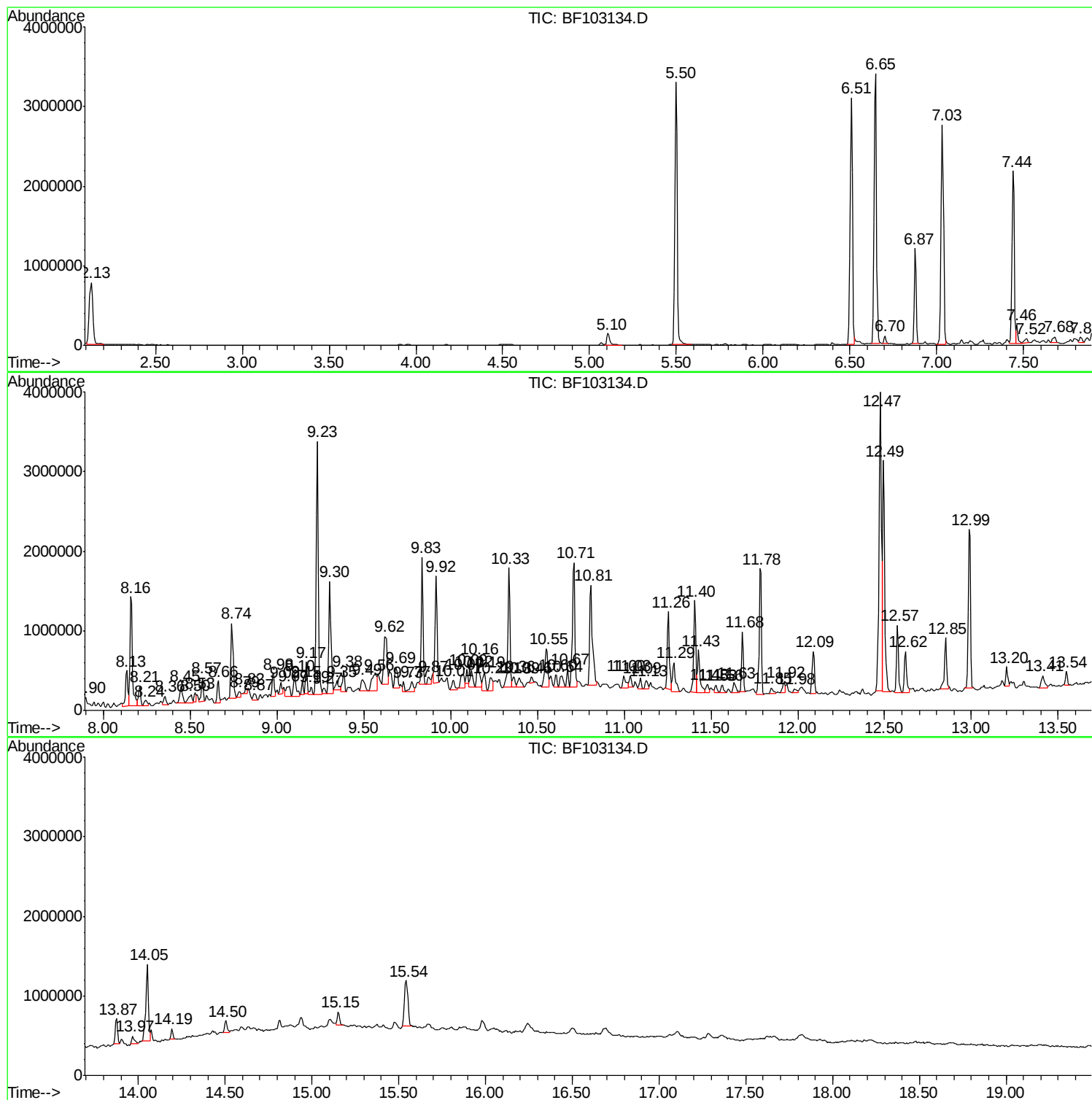
Sum of corrected areas: 58716654

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Instrument :  
BNA\_F  
ClientSampled :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P



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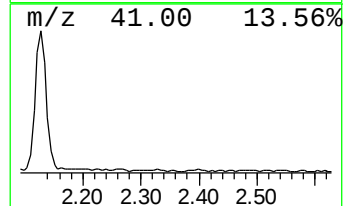
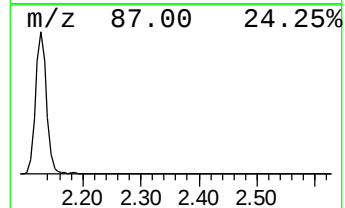
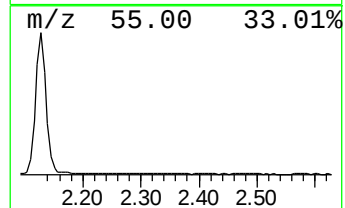
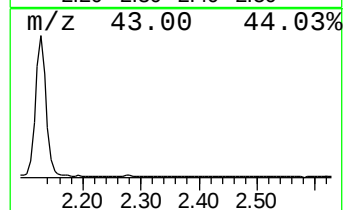
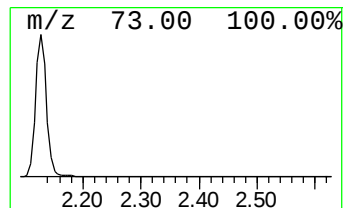
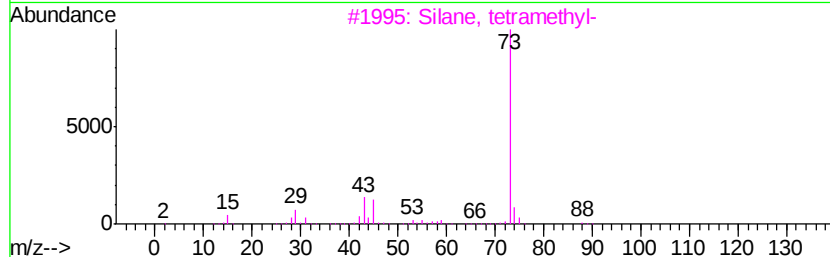
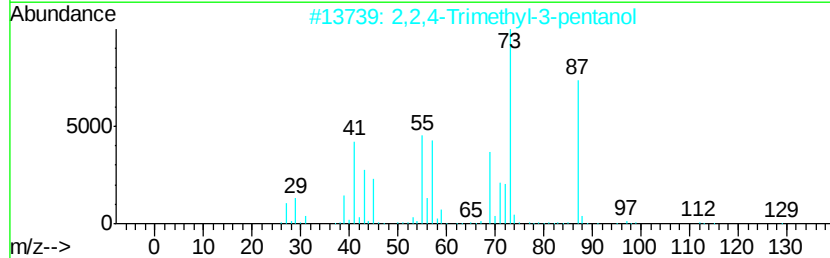
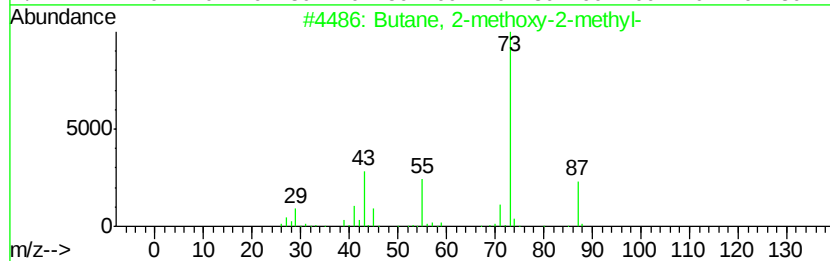
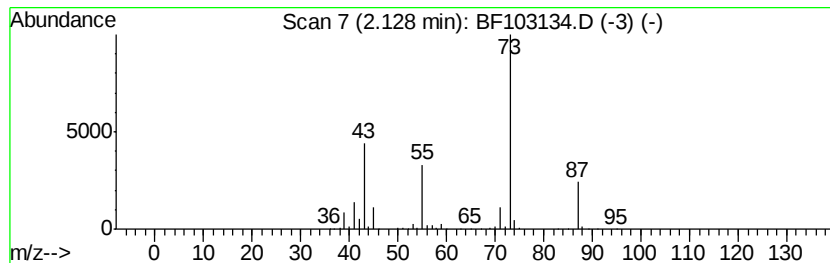
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

| R.T. | EstConc  | Area   | Relative to ISTD       | R.T. |
|------|----------|--------|------------------------|------|
| 2.13 | 20.29 ng | 998921 | 1,4-Dichlorobenzene-d4 | 6.87 |

| Hit# | of | Tentative ID                | MW  | MolForm | CAS#        | Qual |
|------|----|-----------------------------|-----|---------|-------------|------|
| 1    | 5  | Butane, 2-methoxy-2-methyl- | 102 | C6H14O  | 000994-05-8 | 83   |
| 2    |    | 2,2,4-Trimethyl-3-pentanol  | 130 | C8H18O  | 005162-48-1 | 39   |
| 3    |    | Silane, tetramethyl-        | 88  | C4H12Si | 000075-76-3 | 35   |
| 4    |    | 1,3-Dioxolane, 2-methyl-    | 88  | C4H8O2  | 000497-26-7 | 25   |
| 5    |    | 3-Pentanol, 2,4-dimethyl-   | 116 | C7H16O  | 000600-36-2 | 25   |



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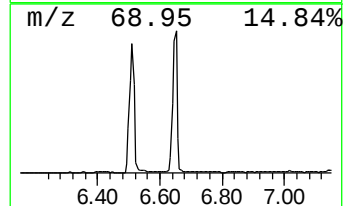
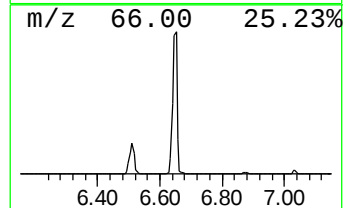
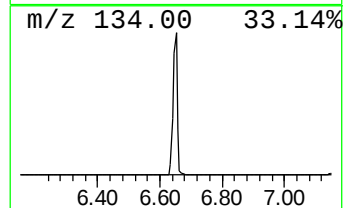
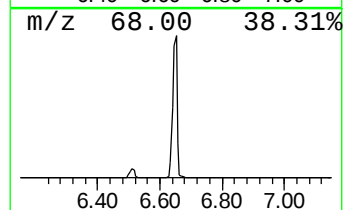
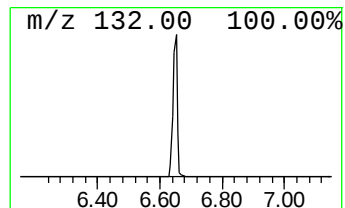
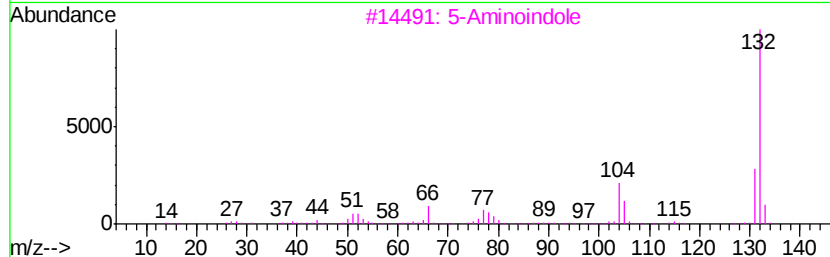
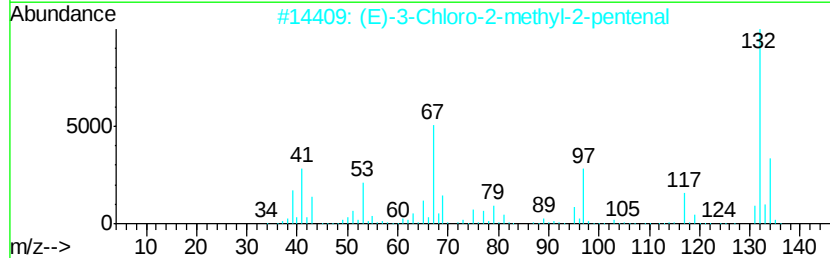
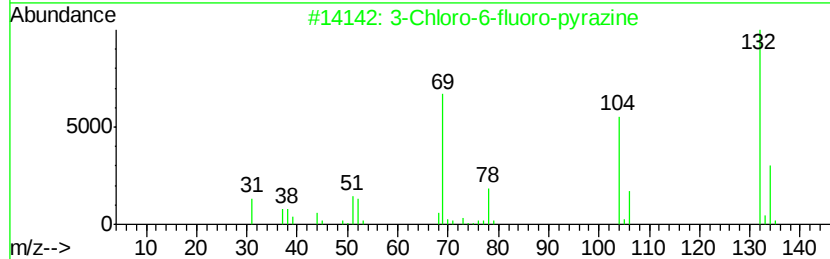
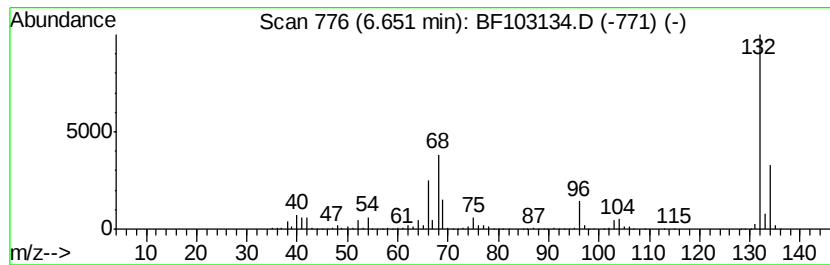
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TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 2 unknown6.65 Concentration Rank 2

| R.T. | EstConc  | Area    | Relative to ISTD       | R.T. |
|------|----------|---------|------------------------|------|
| 6.65 | 67.13 ng | 3304640 | 1,4-Dichlorobenzene-d4 | 6.87 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | 3-Chloro-6-fluoro-pyrazine          | 132 | C4H2ClFN2 | 1000146-10-7 | 27   |
| 2    |    | (E)-3-Chloro-2-methyl-2-pentenal    | 132 | C6H9ClO   | 031357-76-3  | 16   |
| 3    |    | 5-Aminoindole                       | 132 | C8H8N2    | 005192-03-0  | 12   |
| 4    |    | Tranylcypromine-propionyl           | 189 | C12H15NO  | 1000123-86-3 | 10   |
| 5    |    | Bicyclo[4.2.0]octa-1,3,5-triene,... | 132 | C10H12    | 028749-81-7  | 9    |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

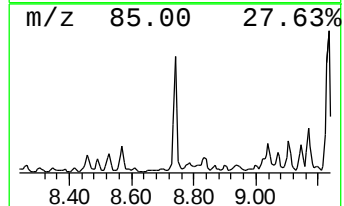
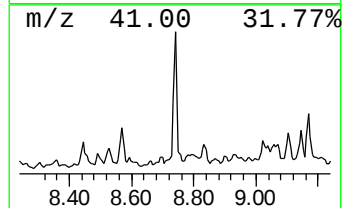
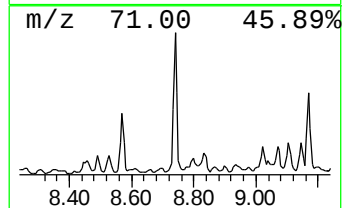
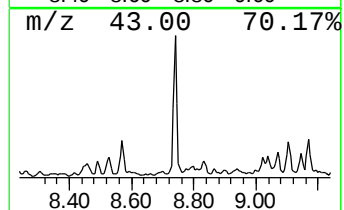
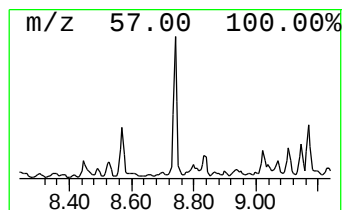
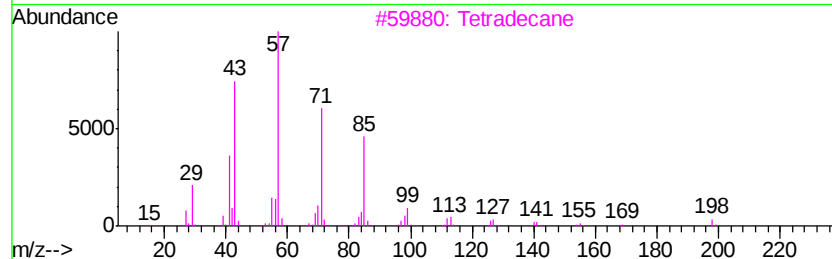
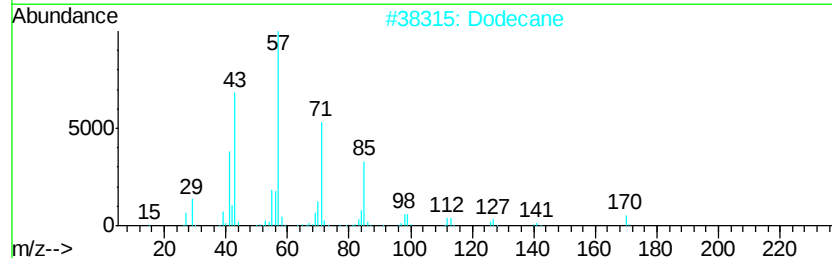
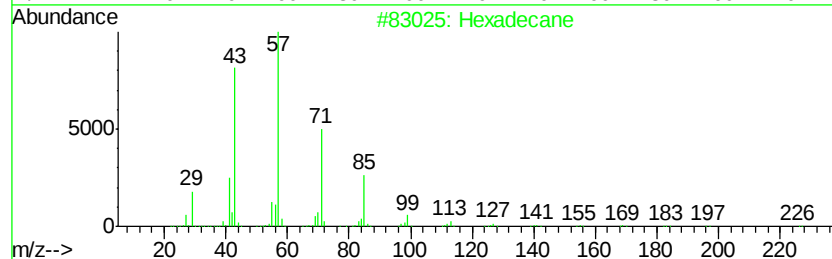
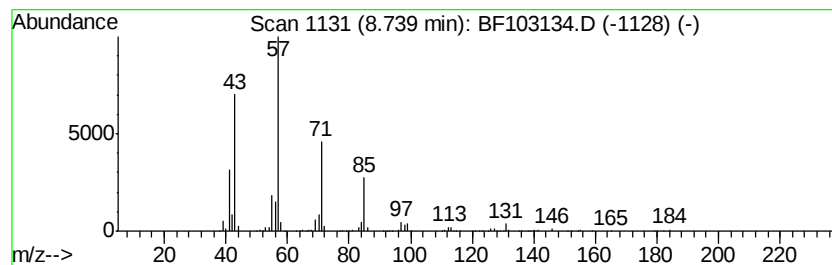
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 4 Hexadecane Concentration Rank 14

| R.T. | EstConc  | Area   | Relative to ISTD | R.T. |
|------|----------|--------|------------------|------|
| 8.74 | 10.48 ng | 727428 | Naphthalene-d8   | 8.16 |

| Hit# | of | Tentative ID         | MW  | MolForm | CAS#        | Qual |
|------|----|----------------------|-----|---------|-------------|------|
| 1    | 5  | Hexadecane           | 226 | C16H34  | 000544-76-3 | 86   |
| 2    |    | Dodecane             | 170 | C12H26  | 000112-40-3 | 86   |
| 3    |    | Tetradecane          | 198 | C14H30  | 000629-59-4 | 78   |
| 4    |    | Tridecane, 6-methyl- | 198 | C14H30  | 013287-21-3 | 78   |
| 5    |    | Pentadecane          | 212 | C15H32  | 000629-62-9 | 78   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

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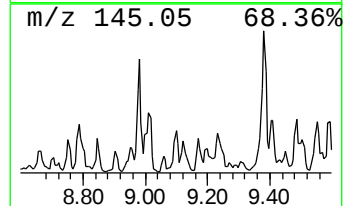
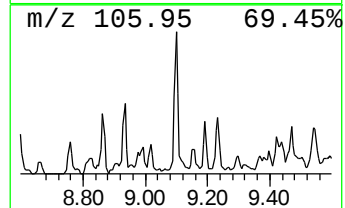
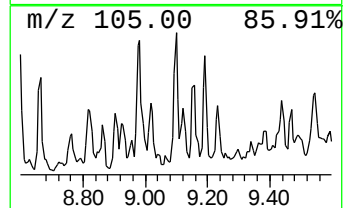
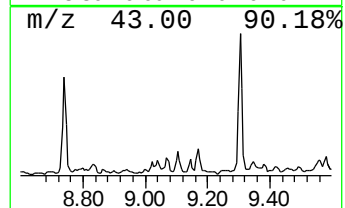
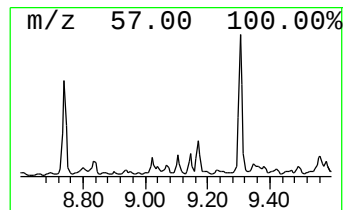
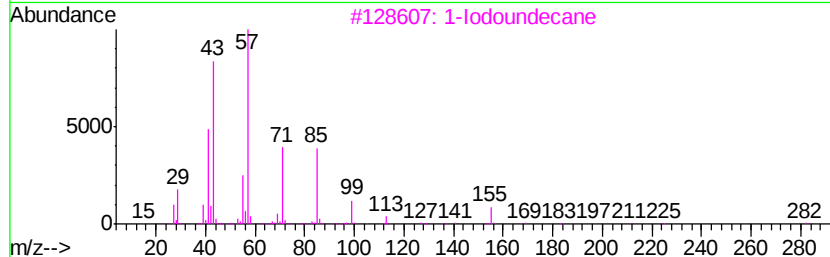
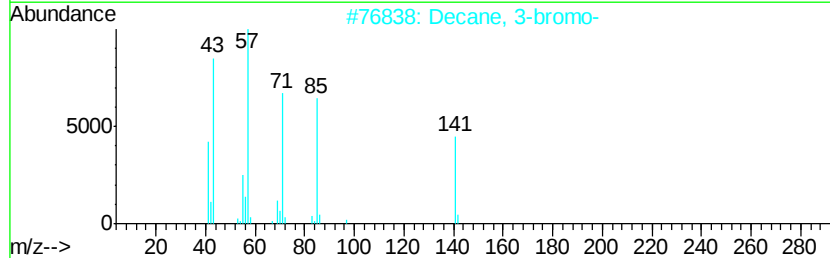
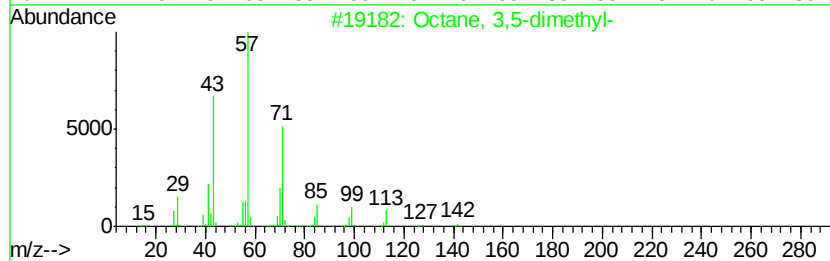
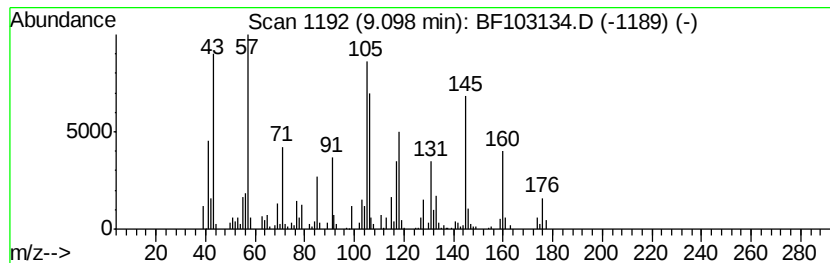
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TIC Integration Parameters: LSCINT.P

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Peak Number 5 unknown9.10 Concentration Rank 20

| R.T. | EstConc | Area   | Relative to ISTD | R.T. |
|------|---------|--------|------------------|------|
| 9.10 | 5.40 ng | 315836 | Acenaphthene-d10 | 9.92 |

| Hit# | of | Tentative ID          | MW  | MolForm  | CAS#        | Qual |
|------|----|-----------------------|-----|----------|-------------|------|
| 1    | 5  | Octane, 3,5-dimethyl- | 142 | C10H22   | 015869-93-9 | 41   |
| 2    |    | Decane, 3-bromo-      | 220 | C10H21Br | 030571-71-2 | 38   |
| 3    |    | 1-Iodoundecane        | 282 | C11H23I  | 004282-44-4 | 38   |
| 4    |    | Heptacosane           | 380 | C27H56   | 000593-49-7 | 38   |
| 5    |    | Hentriacontane        | 437 | C31H64   | 000630-04-6 | 38   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

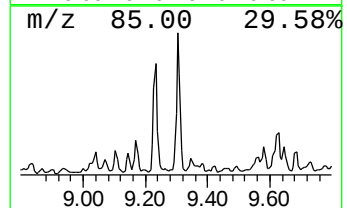
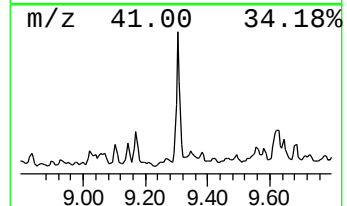
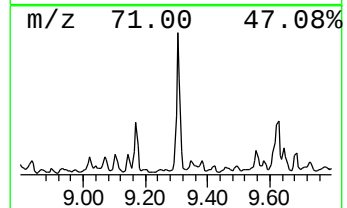
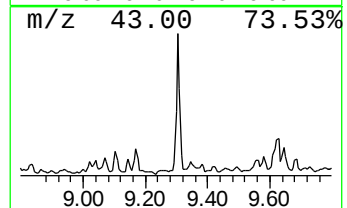
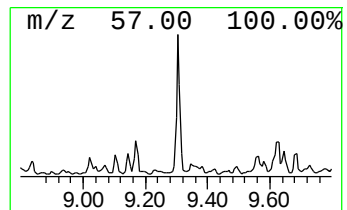
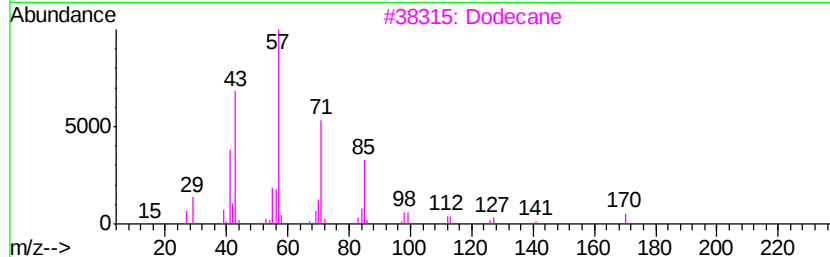
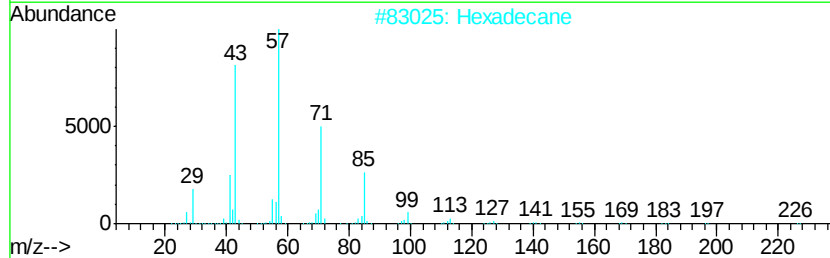
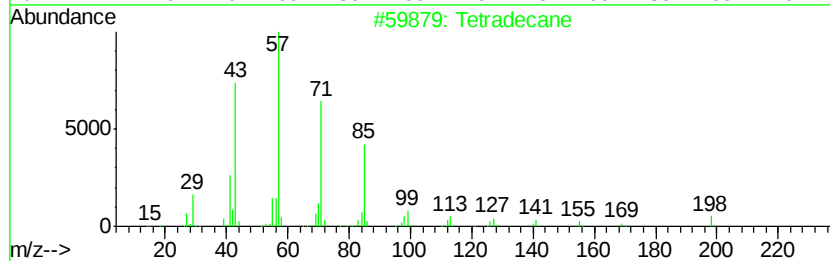
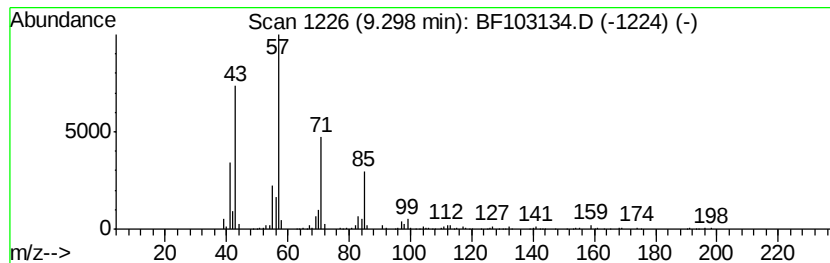
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TIC Integration Parameters: LSCINT.P

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Peak Number 6 Tetradecane Concentration Rank 10

| R.T. | EstConc  | Area    | Relative to ISTD | R.T. |
|------|----------|---------|------------------|------|
| 9.30 | 19.95 ng | 1165830 | Acenaphthene-d10 | 9.92 |

| Hit# of | 5 | Tentative ID             | MW  | MolForm | CAS#        | Qual |
|---------|---|--------------------------|-----|---------|-------------|------|
| 1       |   | Tetradecane              | 198 | C14H30  | 000629-59-4 | 95   |
| 2       |   | Hexadecane               | 226 | C16H34  | 000544-76-3 | 91   |
| 3       |   | Dodecane                 | 170 | C12H26  | 000112-40-3 | 90   |
| 4       |   | Decane, 2,3,5-trimethyl- | 184 | C13H28  | 062238-11-3 | 86   |
| 5       |   | Pentadecane              | 212 | C15H32  | 000629-62-9 | 86   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

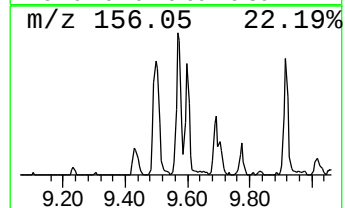
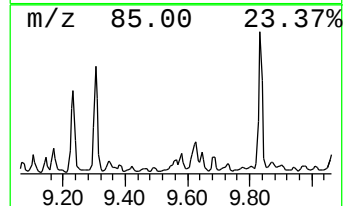
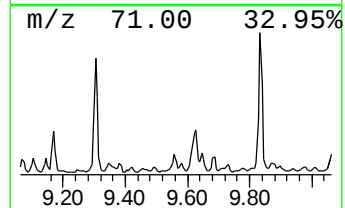
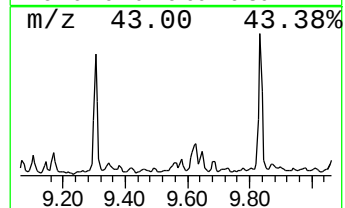
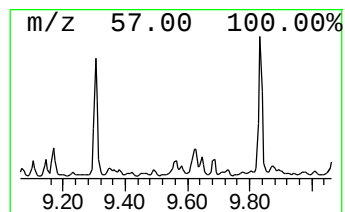
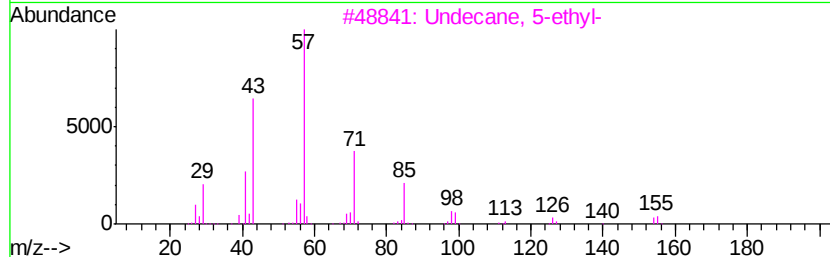
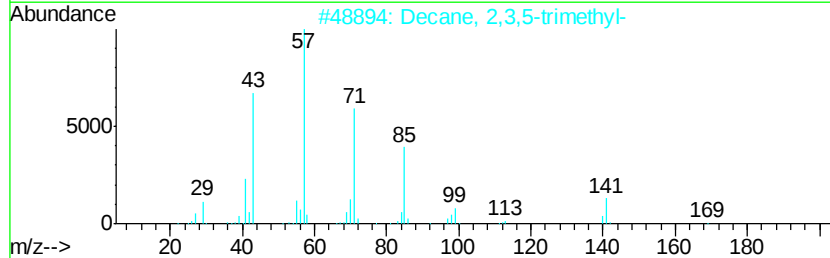
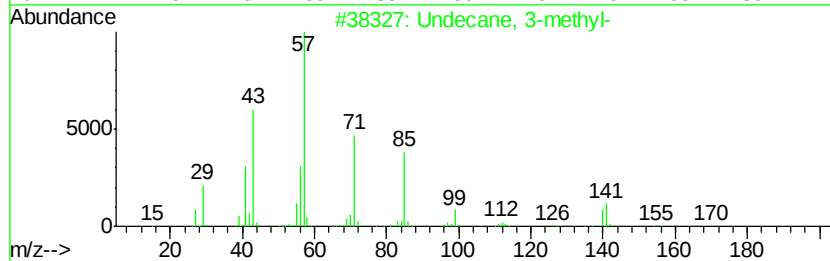
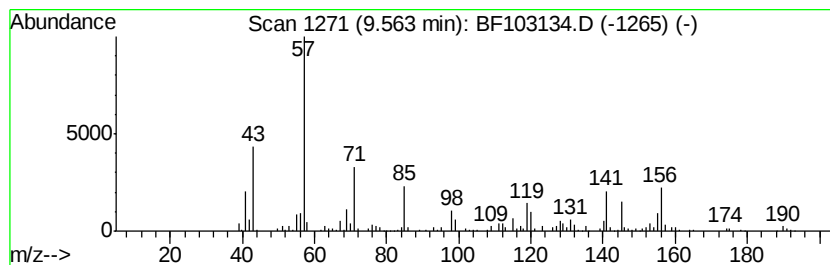
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ClientSampleId :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 7 unknown9.56 Concentration Rank 18

| R.T.      | EstConc                             | Area   | Relative to ISTD | R.T.         |      |
|-----------|-------------------------------------|--------|------------------|--------------|------|
| 9.56      | 7.20 ng                             | 420522 | Acenaphthene-d10 | 9.92         |      |
| Hit# of 5 | Tentative ID                        | MW     | MolForm          | CAS#         | Qual |
| 1         | Undecane, 3-methyl-                 | 170    | C12H26           | 001002-43-3  | 38   |
| 2         | Decane, 2,3,5-trimethyl-            | 184    | C13H28           | 062238-11-3  | 35   |
| 3         | Undecane, 5-ethyl-                  | 184    | C13H28           | 017453-94-0  | 32   |
| 4         | Decane, 3-bromo-                    | 220    | C10H21Br         | 030571-71-2  | 27   |
| 5         | 2,2-Dimethylpropanoic acid, 4-cy... | 203    | C12H13NO2        | 1000308-04-3 | 27   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

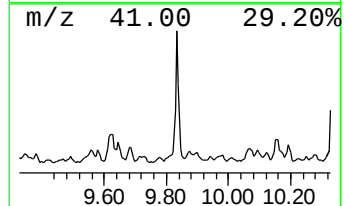
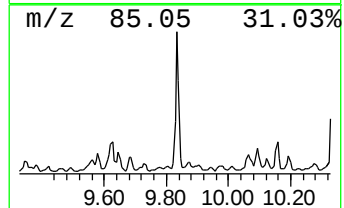
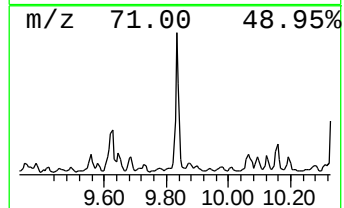
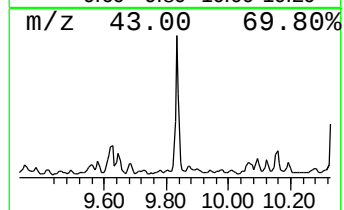
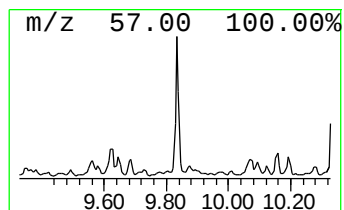
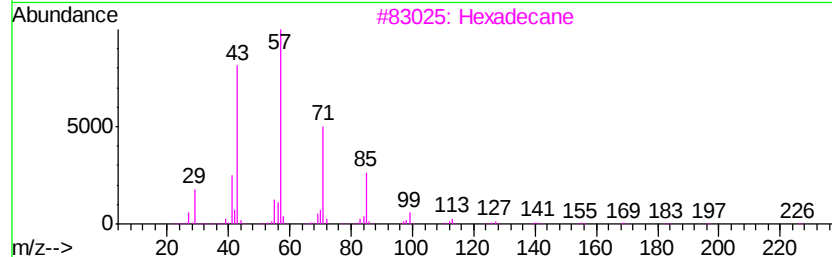
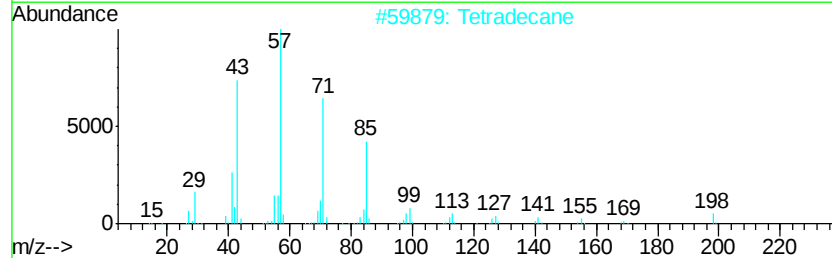
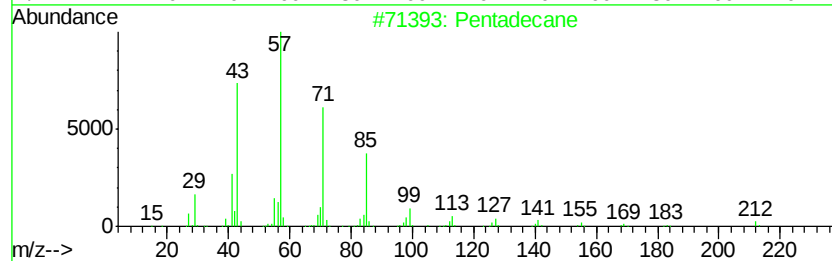
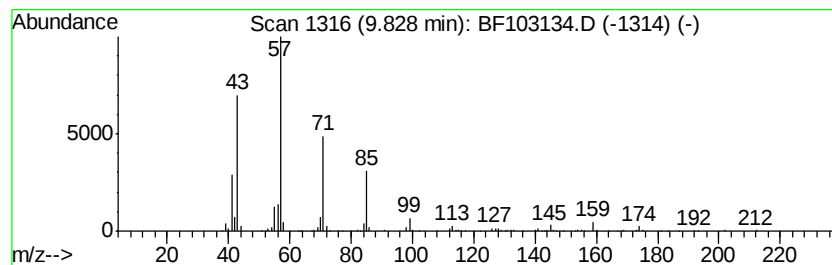
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 8 Pentadecane Concentration Rank 8

| R.T. | EstConc  | Area    | Relative to ISTD | R.T. |
|------|----------|---------|------------------|------|
| 9.83 | 20.38 ng | 1191250 | Acenaphthene-d10 | 9.92 |

| Hit# | of | Tentative ID                        | MW  | MolForm   | CAS#         | Qual |
|------|----|-------------------------------------|-----|-----------|--------------|------|
| 1    | 5  | Pentadecane                         | 212 | C15H32    | 000629-62-9  | 90   |
| 2    |    | Tetradecane                         | 198 | C14H30    | 000629-59-4  | 90   |
| 3    |    | Hexadecane                          | 226 | C16H34    | 000544-76-3  | 87   |
| 4    |    | Sulfurous acid, 2-ethylhexyl hex... | 278 | C14H30O3S | 1000309-20-2 | 80   |
| 5    |    | Tridecane                           | 184 | C13H28    | 000629-50-5  | 78   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

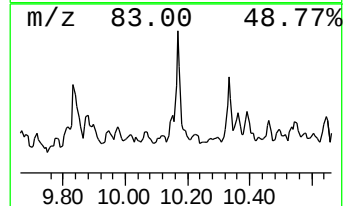
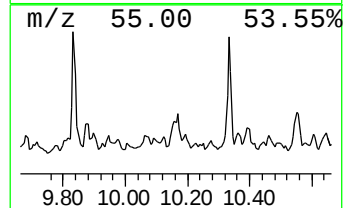
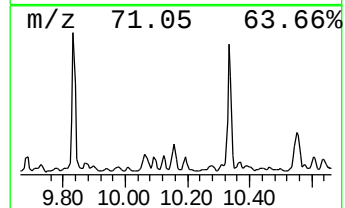
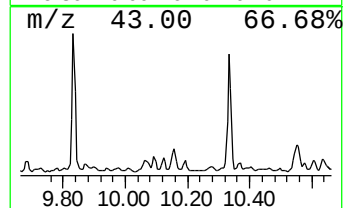
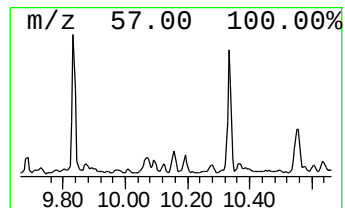
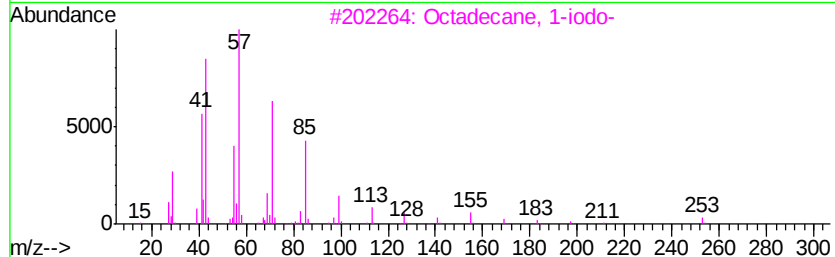
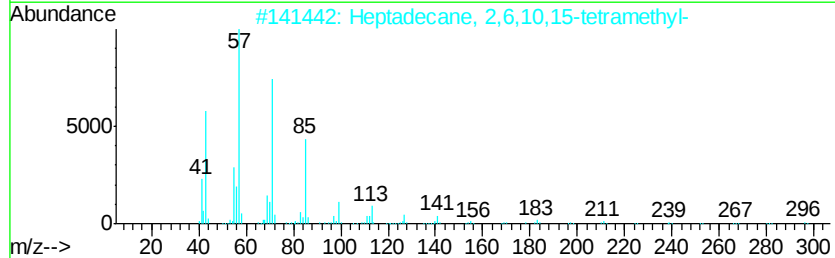
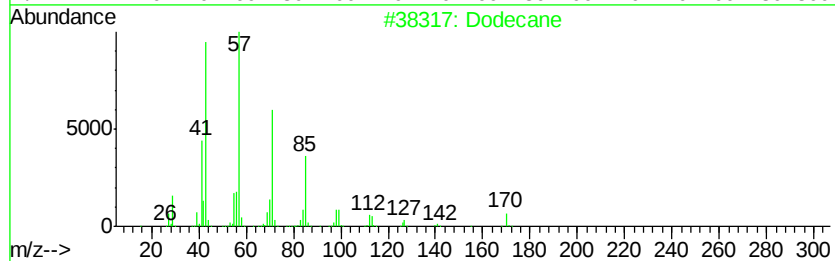
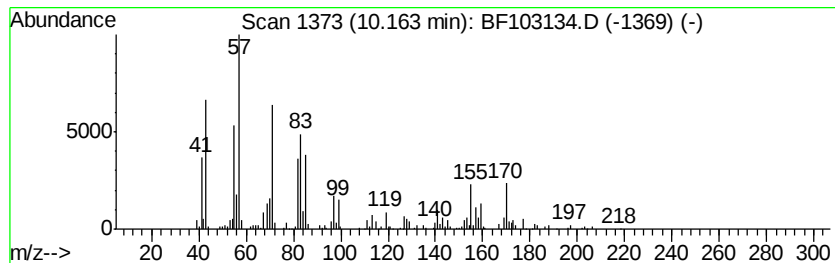
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TIC Integration Parameters: LSCINT.P

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Peak Number 9 Dodecane Concentration Rank 17

| R.T.  | EstConc | Area   | Relative to ISTD | R.T. |
|-------|---------|--------|------------------|------|
| 10.16 | 7.28 ng | 425240 | Acenaphthene-d10 | 9.92 |

| Hit# | of | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|-------------------------------------|-----|---------|-------------|------|
| 1    | 5  | Dodecane                            | 170 | C12H26  | 000112-40-3 | 68   |
| 2    |    | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 58   |
| 3    |    | Octadecane, 1-iodo-                 | 380 | C18H37I | 000629-93-6 | 58   |
| 4    |    | Tridecane                           | 184 | C13H28  | 000629-50-5 | 58   |
| 5    |    | Dodecane, 1-iodo-                   | 296 | C12H25I | 004292-19-7 | 58   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

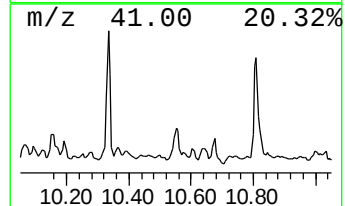
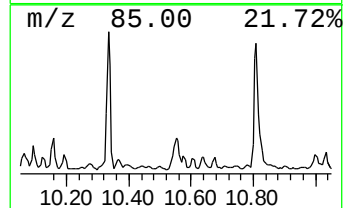
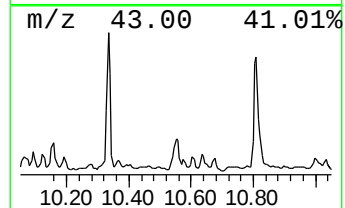
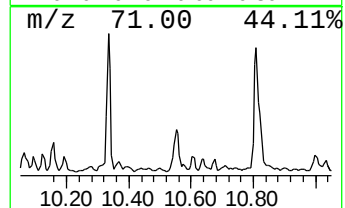
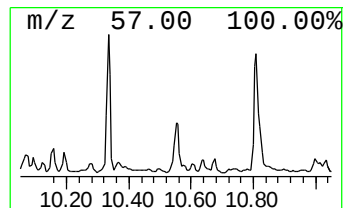
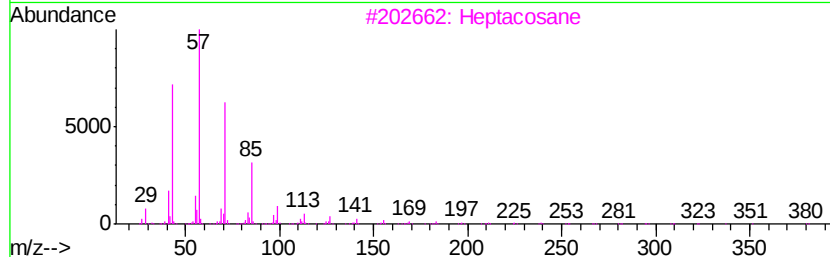
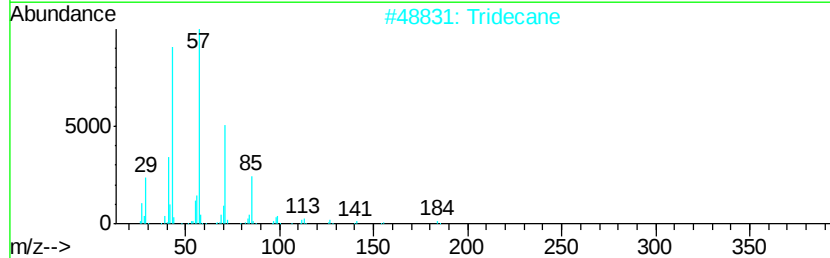
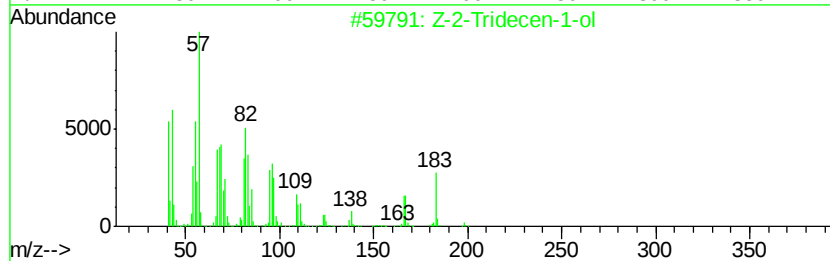
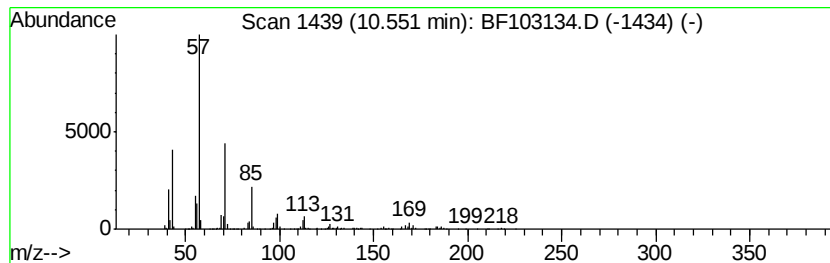
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 11 Z-2-Tridecen-1-ol Concentration Rank 13

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T. |
|-------|----------|--------|------------------|------|
| 10.55 | 10.85 ng | 634124 | Acenaphthene-d10 | 9.92 |

| Hit# | of | Tentative ID            | MW  | MolForm | CAS#         | Qual |
|------|----|-------------------------|-----|---------|--------------|------|
| 1    | 5  | Z-2-Tridecen-1-ol       | 198 | C13H26O | 1000130-75-8 | 83   |
| 2    |    | Tridecane               | 184 | C13H28  | 000629-50-5  | 80   |
| 3    |    | Heptacosane             | 380 | C27H56  | 000593-49-7  | 72   |
| 4    |    | Undecane, 3,5-dimethyl- | 184 | C13H28  | 017312-81-1  | 64   |
| 5    |    | Eicosane                | 282 | C20H42  | 000112-95-8  | 64   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

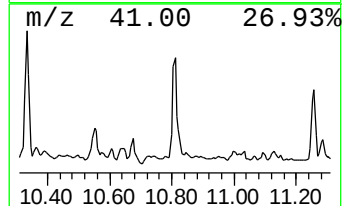
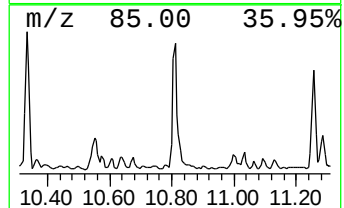
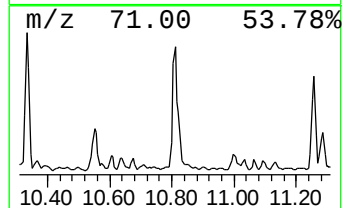
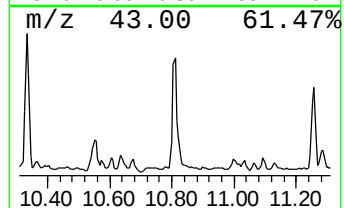
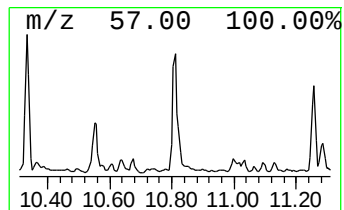
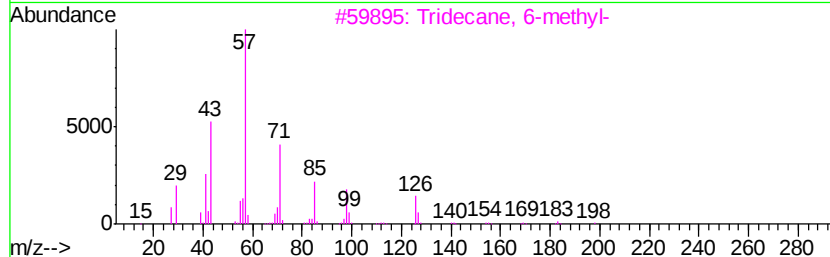
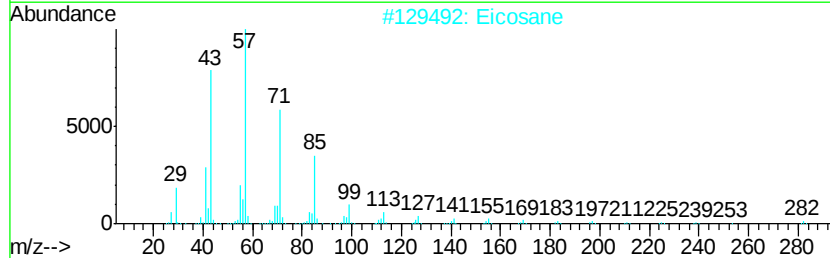
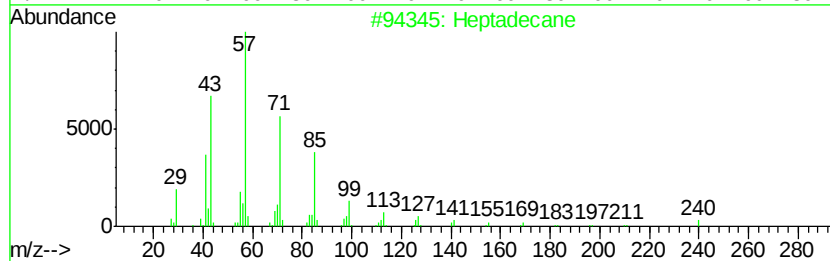
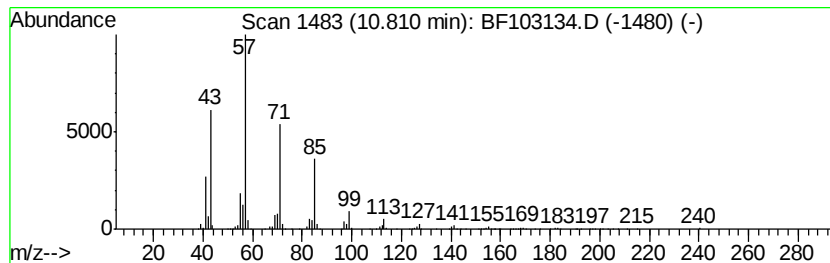
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 12 Heptadecane Concentration Rank 6

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 10.81 | 26.90 ng | 1410950 | Phenanthrene-d10 | 11.40 |

| Hit# of | 5                    | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|----------------------|--------------|-----|---------|-------------|------|
| 1       | Heptadecane          |              | 240 | C17H36  | 000629-78-7 | 97   |
| 2       | Eicosane             |              | 282 | C20H42  | 000112-95-8 | 90   |
| 3       | Tridecane, 6-methyl- |              | 198 | C14H30  | 013287-21-3 | 87   |
| 4       | Hexadecane           |              | 226 | C16H34  | 000544-76-3 | 86   |
| 5       | 3,5-Dimethyldodecane |              | 198 | C14H30  | 107770-99-0 | 83   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

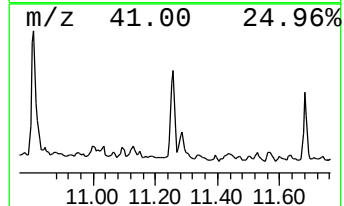
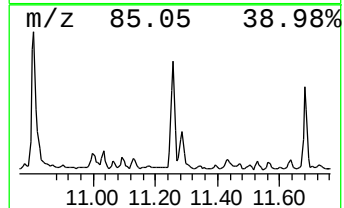
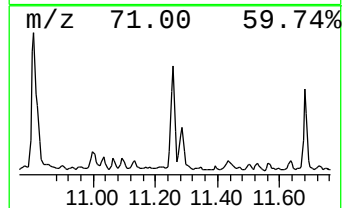
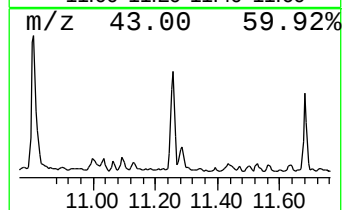
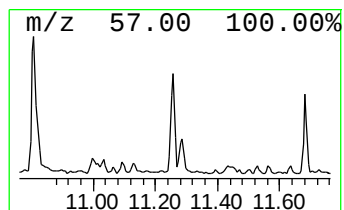
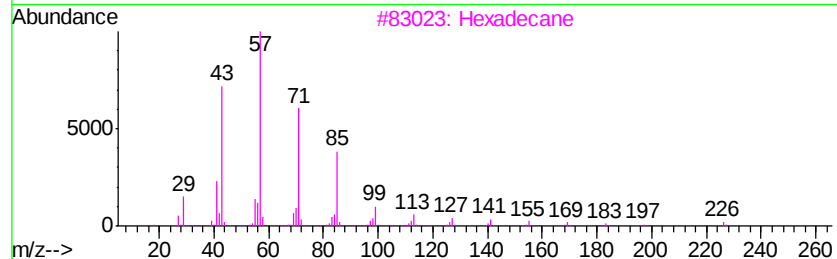
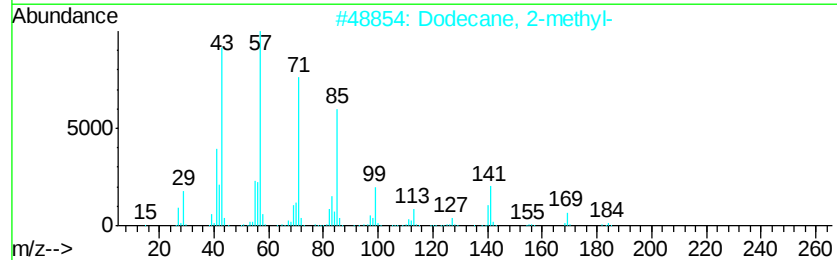
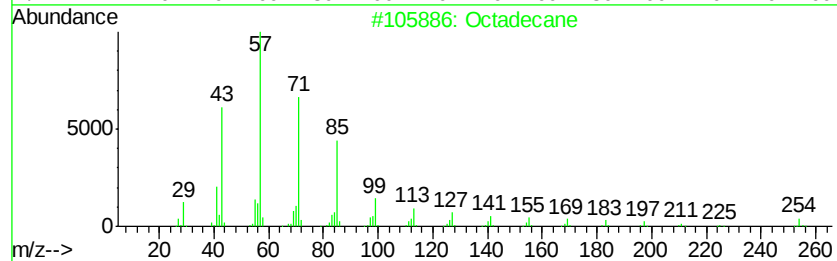
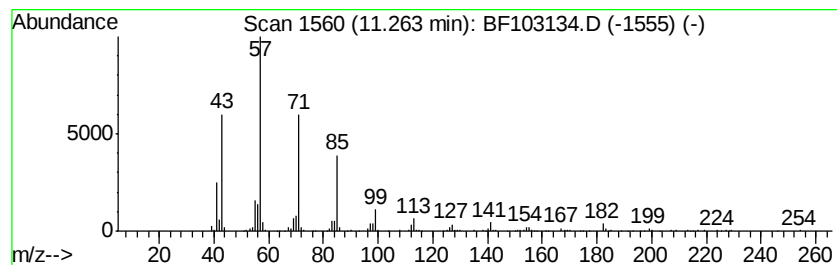
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 13 Octadecane Concentration Rank 11

| R.T.  | EstConc  | Area   | Relative to ISTD | R.T.  |
|-------|----------|--------|------------------|-------|
| 11.26 | 15.46 ng | 810798 | Phenanthrene-d10 | 11.40 |

| Hit# | of | Tentative ID        | MW  | MolForm | CAS#        | Qual |
|------|----|---------------------|-----|---------|-------------|------|
| 1    | 5  | Octadecane          | 254 | C18H38  | 000593-45-3 | 97   |
| 2    |    | Dodecane, 2-methyl- | 184 | C13H28  | 001560-97-0 | 90   |
| 3    |    | Hexadecane          | 226 | C16H34  | 000544-76-3 | 90   |
| 4    |    | Pentadecane         | 212 | C15H32  | 000629-62-9 | 86   |
| 5    |    | Tetradecane         | 198 | C14H30  | 000629-59-4 | 86   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

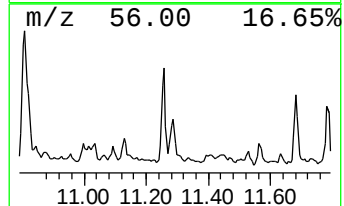
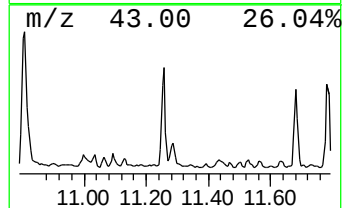
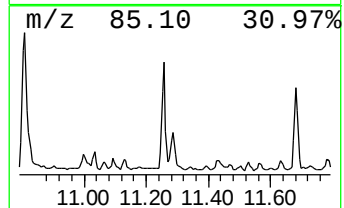
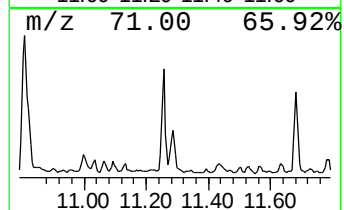
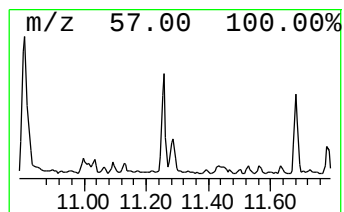
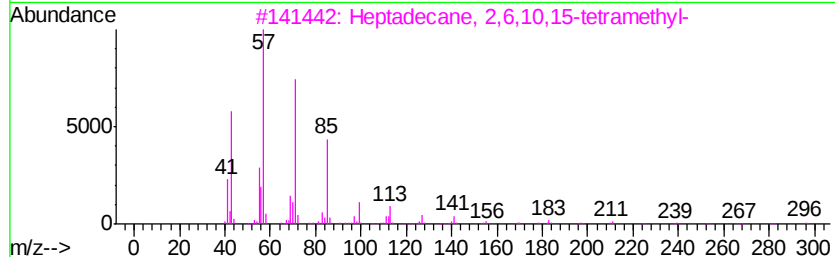
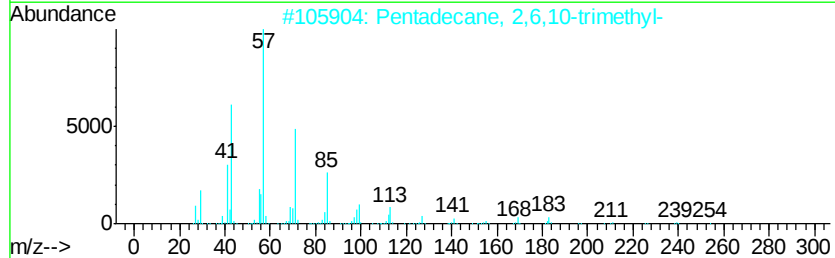
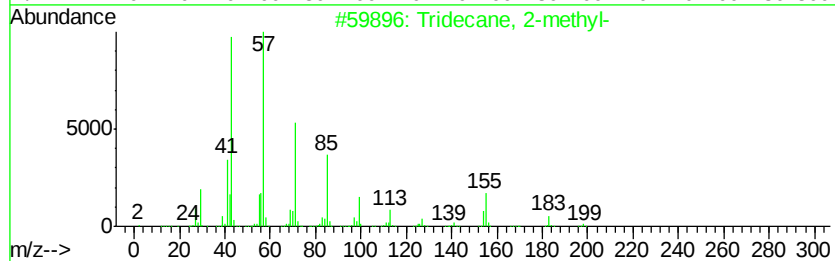
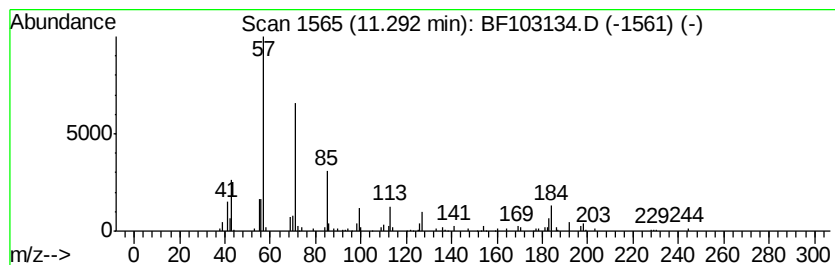
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 14 Tridecane, 2-methyl- Concentration Rank 15

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 11.29 | 8.94 ng | 468769 | Phenanthrene-d10 | 11.40 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm | CAS#        | Qual |
|------|----|---|-------------------------------------|-----|---------|-------------|------|
| 1    |    |   | Tridecane, 2-methyl-                | 198 | C14H30  | 001560-96-9 | 86   |
| 2    |    |   | Pentadecane, 2,6,10-trimethyl-      | 254 | C18H38  | 003892-00-0 | 86   |
| 3    |    |   | Heptadecane, 2,6,10,15-tetramethyl- | 296 | C21H44  | 054833-48-6 | 86   |
| 4    |    |   | Octacosane                          | 394 | C28H58  | 000630-02-4 | 86   |
| 5    |    |   | Eicosane                            | 282 | C20H42  | 000112-95-8 | 86   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

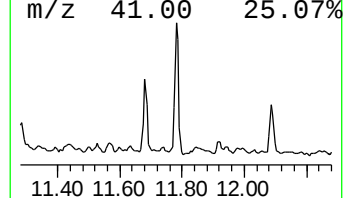
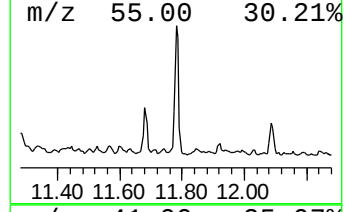
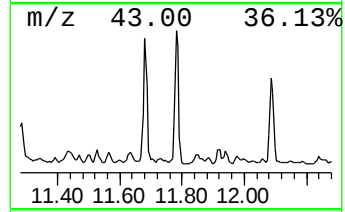
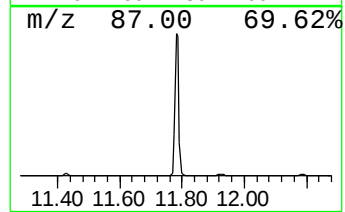
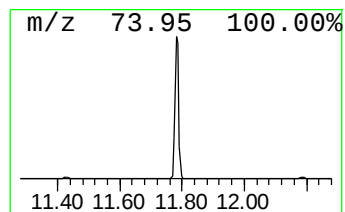
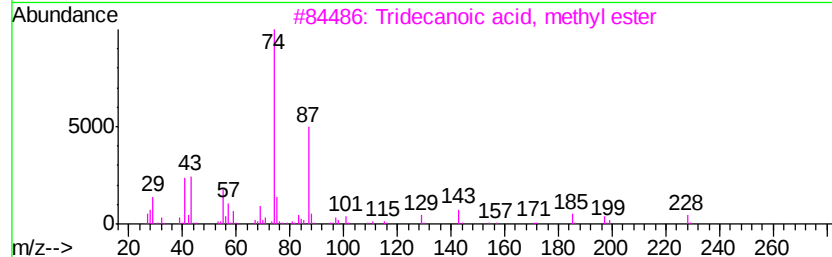
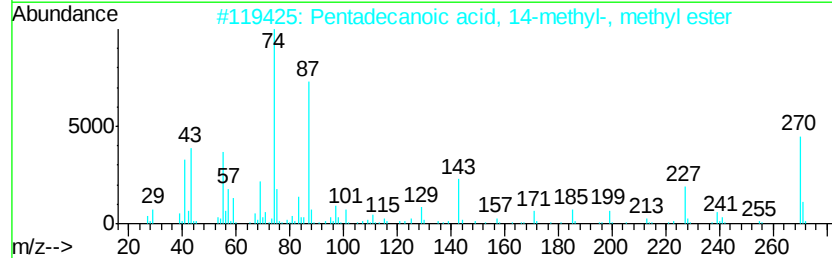
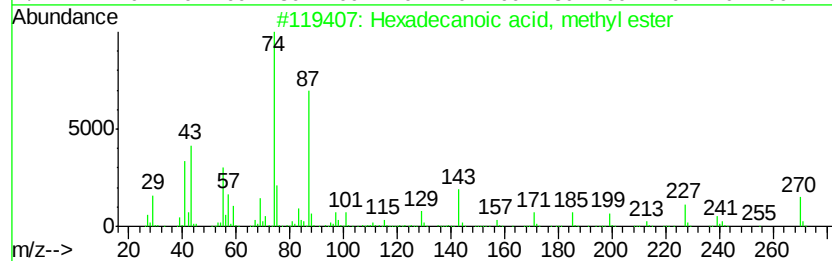
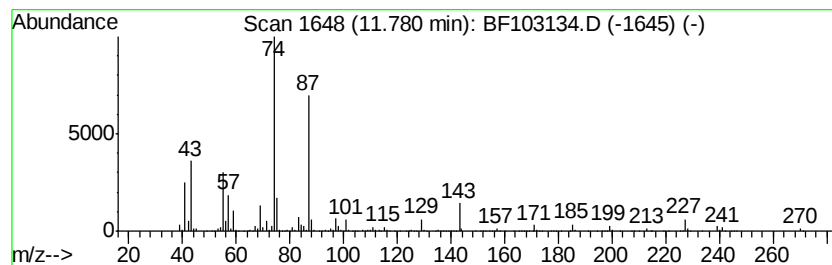
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 16 Hexadecanoic acid, methyl e... Concentration Rank 5

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 11.78 | 27.18 ng | 1426050 | Phenanthrene-d10 | 11.40 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#        | Qual |
|------|----|-------------------------------------|-----|----------|-------------|------|
| 1    | 5  | Hexadecanoic acid, methyl ester     | 270 | C17H34O2 | 000112-39-0 | 94   |
| 2    |    | Pentadecanoic acid, 14-methyl-, ... | 270 | C17H34O2 | 005129-60-2 | 94   |
| 3    |    | Tridecanoic acid, methyl ester      | 228 | C14H28O2 | 001731-88-0 | 90   |
| 4    |    | Hexadecanoic acid, 15-methyl-, m... | 284 | C18H36O2 | 006929-04-0 | 90   |
| 5    |    | Methyl tetradecanoate               | 242 | C15H30O2 | 000124-10-7 | 90   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

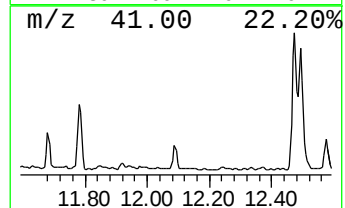
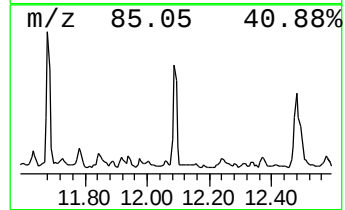
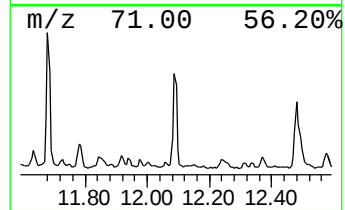
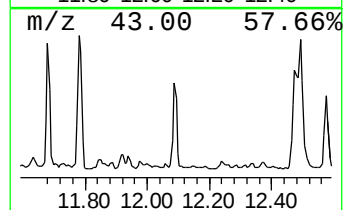
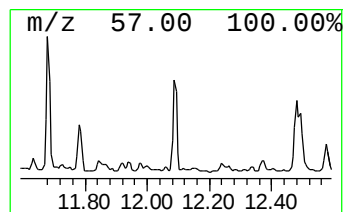
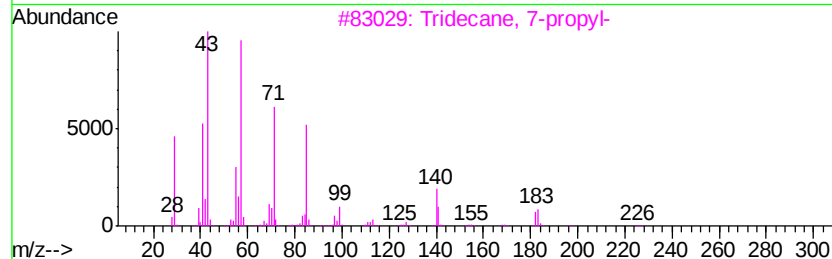
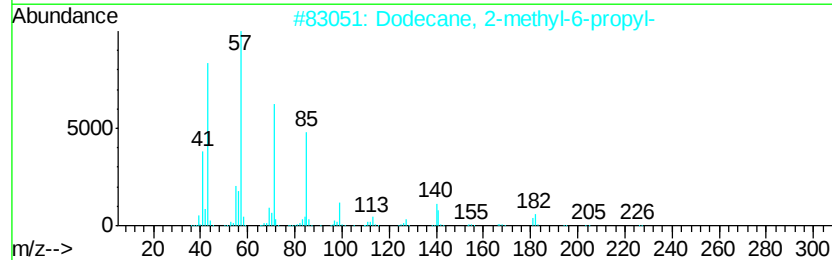
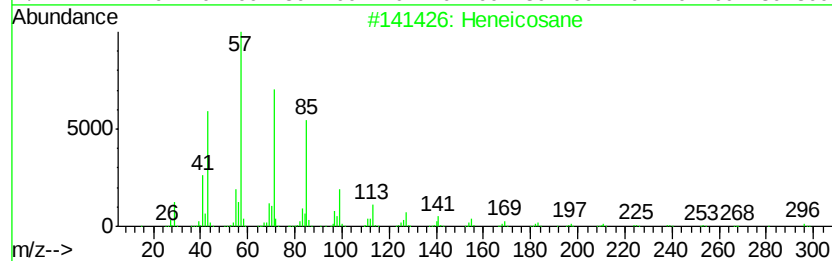
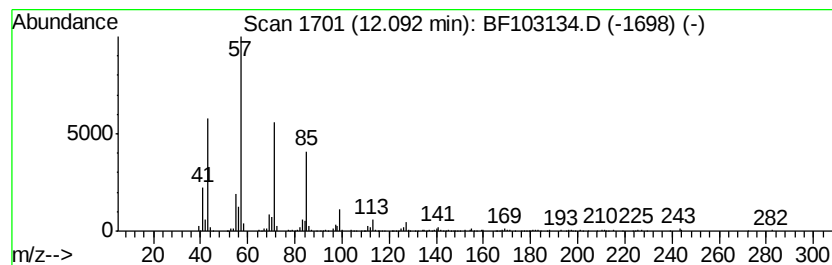
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

\*\*\*\*\*  
Peak Number 17 Heneicosane Concentration Rank 16

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 12.09 | 8.57 ng | 449448 | Phenanthrene-d10 | 11.40 |

| Hit# of | 5                            | Tentative ID | MW  | MolForm | CAS#        | Qual |
|---------|------------------------------|--------------|-----|---------|-------------|------|
| 1       | Heneicosane                  |              | 296 | C21H44  | 000629-94-7 | 90   |
| 2       | Dodecane, 2-methyl-6-propyl- |              | 226 | C16H34  | 055045-08-4 | 90   |
| 3       | Tridecane, 7-propyl-         |              | 226 | C16H34  | 055045-09-5 | 87   |
| 4       | Dodecane, 2-methyl-          |              | 184 | C13H28  | 001560-97-0 | 83   |
| 5       | Hexadecane                   |              | 226 | C16H34  | 000544-76-3 | 81   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

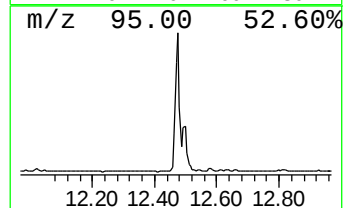
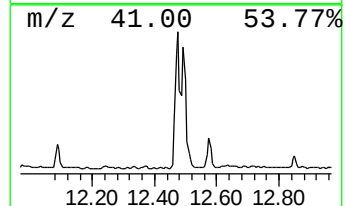
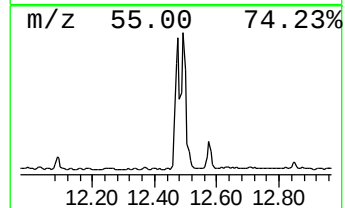
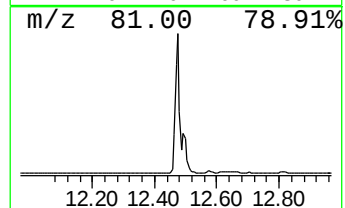
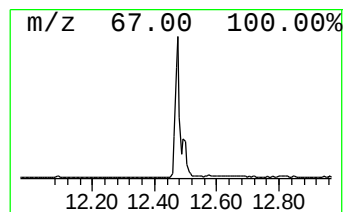
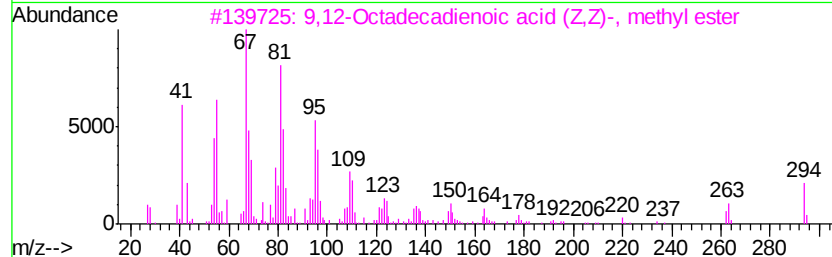
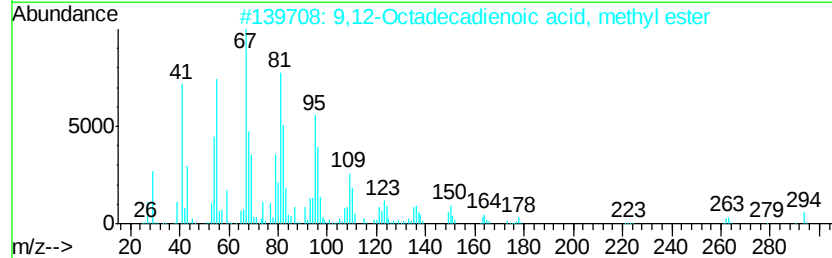
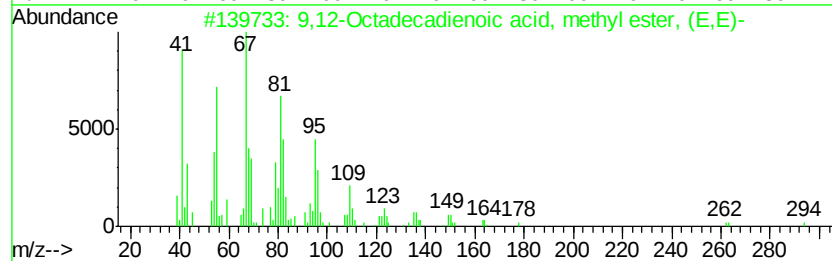
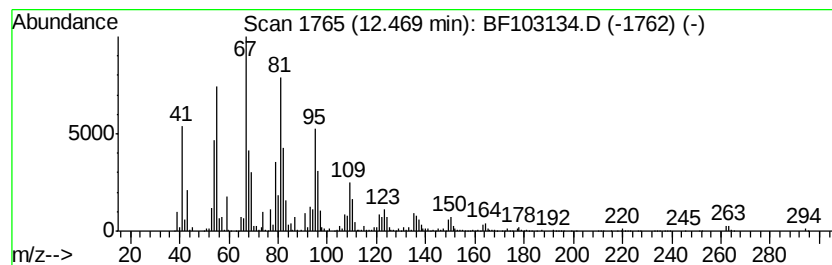
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 18 9,12-Octadecadienoic acid, ... Concentration Rank 1

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.47 | 76.48 ng | 4012360 | Phenanthrene-d10 | 11.40 |

| Hit# | of | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|-------------------------------------|-----|----------|--------------|------|
| 1    | 5  | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002566-97-4  | 99   |
| 2    |    | 9,12-Octadecadienoic acid, methy... | 294 | C19H34O2 | 002462-85-3  | 99   |
| 3    |    | 9,12-Octadecadienoic acid (Z,Z)-... | 294 | C19H34O2 | 000112-63-0  | 99   |
| 4    |    | 8,11-Octadecadienoic acid, methy... | 294 | C19H34O2 | 056599-58-7  | 99   |
| 5    |    | Methyl 9-cis,11-trans-octadecadi... | 294 | C19H34O2 | 1000336-44-0 | 99   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

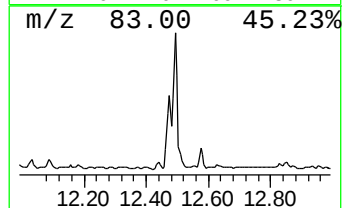
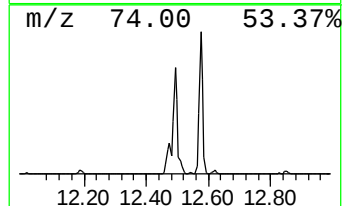
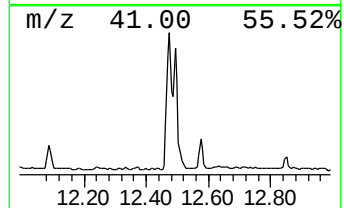
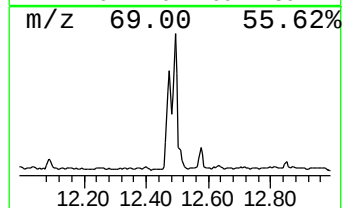
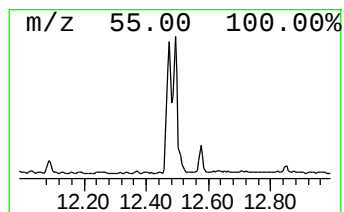
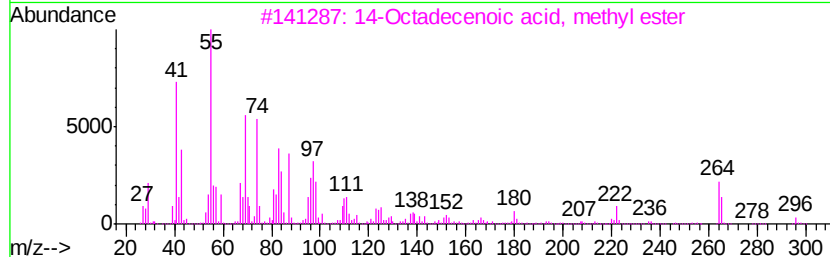
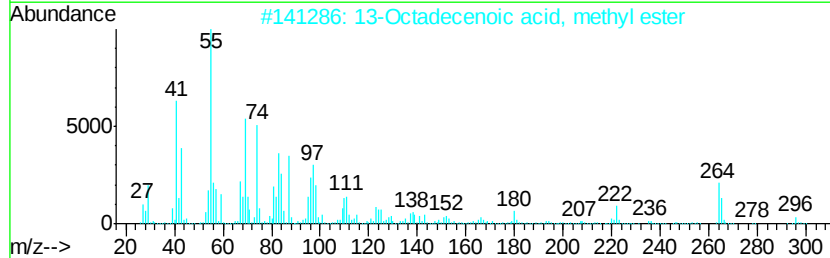
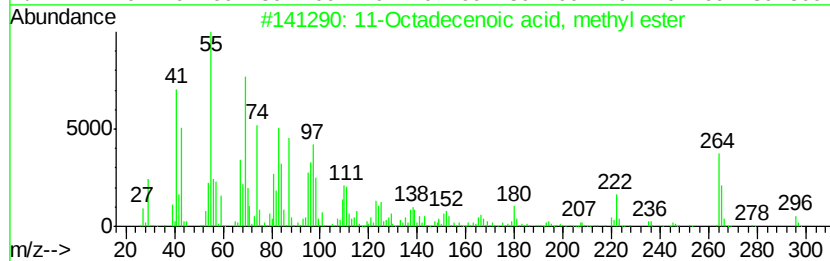
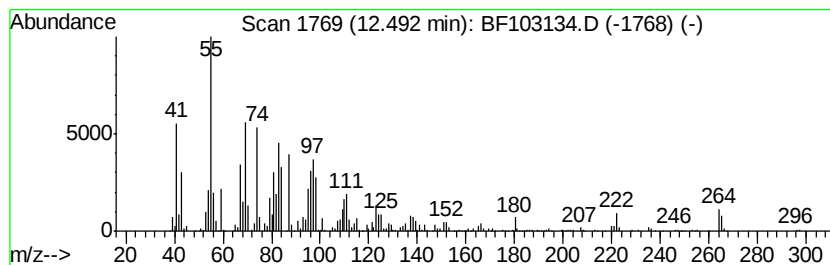
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 19 11-Octadecenoic acid, methyl ester Concentration Rank 4

| R.T.  | EstConc  | Area    | Relative to ISTD | R.T.  |
|-------|----------|---------|------------------|-------|
| 12.49 | 44.21 ng | 2319490 | Phenanthrene-d10 | 11.40 |

| Hit# | of | 5 | Tentative ID                       | MW  | MolForm  | CAS#        | Qual |
|------|----|---|------------------------------------|-----|----------|-------------|------|
| 1    |    |   | 11-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 052380-33-3 | 99   |
| 2    |    |   | 13-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-47-3 | 99   |
| 3    |    |   | 14-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-48-4 | 99   |
| 4    |    |   | 16-Octadecenoic acid, methyl ester | 296 | C19H36O2 | 056554-49-5 | 99   |
| 5    |    |   | 6-Octadecenoic acid, methyl ester  | 296 | C19H36O2 | 052355-31-4 | 99   |



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\  
Data File : BF103134.D  
Acq On : 21 Feb 2018 14:17  
Operator : SJ/JU  
Sample : J1398-03  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
OK-02-022018

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

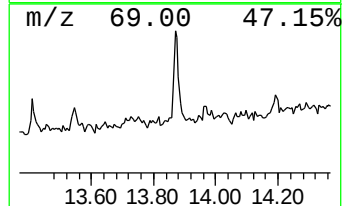
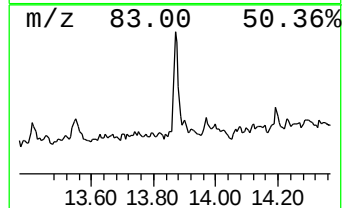
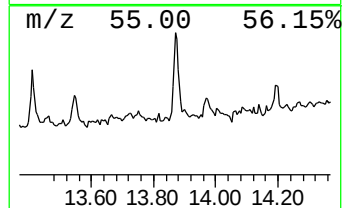
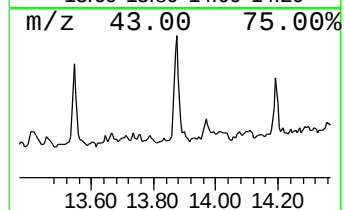
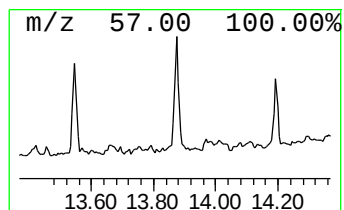
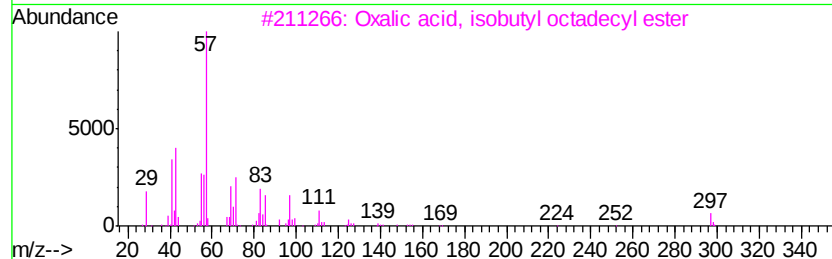
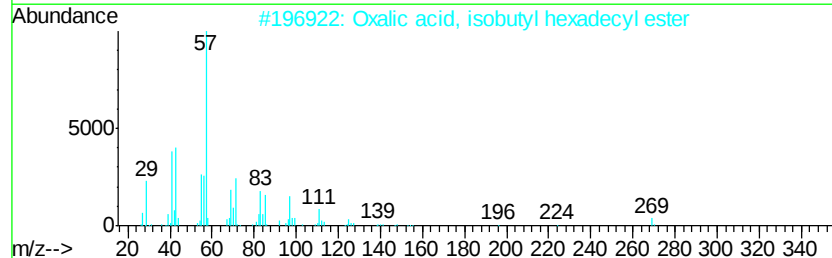
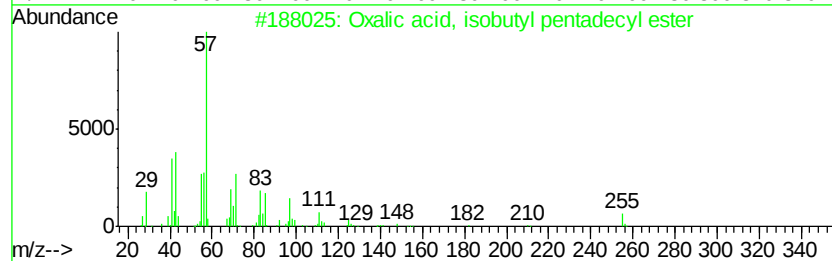
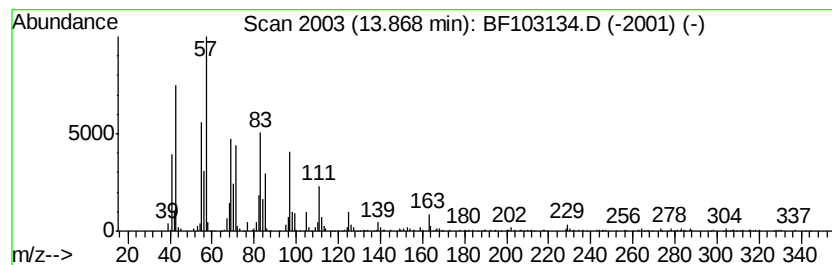
TIC Library : C:\DATABASE\NIST11.L  
TIC Integration Parameters: LSCINT.P

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Peak Number 20 Oxalic acid, isobutyl penta... Concentration Rank 19

| R.T.  | EstConc | Area   | Relative to ISTD | R.T.  |
|-------|---------|--------|------------------|-------|
| 13.87 | 6.24 ng | 321097 | Chrysene-d12     | 14.05 |

| Hit# | of | 5 | Tentative ID                        | MW  | MolForm  | CAS#         | Qual |
|------|----|---|-------------------------------------|-----|----------|--------------|------|
| 1    |    |   | Oxalic acid, isobutyl pentadecyl... | 356 | C21H40O4 | 1000309-38-0 | 68   |
| 2    |    |   | Oxalic acid, isobutyl hexadecyl ... | 370 | C22H42O4 | 1000309-38-1 | 68   |
| 3    |    |   | Oxalic acid, isobutyl octadecyl ... | 398 | C24H46O4 | 1000309-38-3 | 68   |
| 4    |    |   | Oxalic acid, isobutyl tetradecyl... | 342 | C20H38O4 | 1000309-37-9 | 68   |
| 5    |    |   | Tridecane                           | 184 | C13H28   | 000629-50-5  | 64   |



Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF022118\  
 Data File : BF103134.D  
 Acq On : 21 Feb 2018 14:17  
 Operator : SJ/JU  
 Sample : J1398-03  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 OK-02-022018

Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L  
 TIC Integration Parameters: LSCINT.P

| TIC Top Hit name     | RT    | EstConc | Units | Response | --Internal Standard-- |       |         |      |
|----------------------|-------|---------|-------|----------|-----------------------|-------|---------|------|
|                      |       |         |       |          | #                     | RT    | Resp    | Conc |
| Butane, 2-methoxy... | 2.13  | 20.3    | ng    | 998921   | 1                     | 6.87  | 984497  | 20.0 |
| unknown6.65          | 6.65  | 67.1    | ng    | 3304640  | 1                     | 6.87  | 984497  | 20.0 |
| Hexadecane           | 8.74  | 10.5    | ng    | 727428   | 2                     | 8.16  | 1387820 | 20.0 |
| unknown9.10          | 9.10  | 5.4     | ng    | 315836   | 3                     | 9.92  | 1168840 | 20.0 |
| Tetradecane          | 9.30  | 19.9    | ng    | 1165830  | 3                     | 9.92  | 1168840 | 20.0 |
| unknown9.56          | 9.56  | 7.2     | ng    | 420522   | 3                     | 9.92  | 1168840 | 20.0 |
| Pentadecane          | 9.83  | 20.4    | ng    | 1191250  | 3                     | 9.92  | 1168840 | 20.0 |
| Dodecane             | 10.16 | 7.3     | ng    | 425240   | 3                     | 9.92  | 1168840 | 20.0 |
| Z-2-Tridecen-1-ol    | 10.55 | 10.9    | ng    | 634124   | 3                     | 9.92  | 1168840 | 20.0 |
| Heptadecane          | 10.81 | 26.9    | ng    | 1410950  | 4                     | 11.40 | 1049210 | 20.0 |
| Octadecane           | 11.26 | 15.5    | ng    | 810798   | 4                     | 11.40 | 1049210 | 20.0 |
| Tridecane, 2-methyl- | 11.29 | 8.9     | ng    | 468769   | 4                     | 11.40 | 1049210 | 20.0 |
| Hexadecanoic acid... | 11.78 | 27.2    | ng    | 1426050  | 4                     | 11.40 | 1049210 | 20.0 |
| Heneicosane          | 12.09 | 8.6     | ng    | 449448   | 4                     | 11.40 | 1049210 | 20.0 |
| 9,12-Octadecadien... | 12.47 | 76.5    | ng    | 4012360  | 4                     | 11.40 | 1049210 | 20.0 |
| 11-Octadecenoic a... | 12.49 | 44.2    | ng    | 2319490  | 4                     | 11.40 | 1049210 | 20.0 |
| Oxalic acid, isob... | 13.87 | 6.2     | ng    | 321097   | 5                     | 14.05 | 1028780 | 20.0 |